

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

May 5, 2009

TO: Internal File

THRU: James Smith, Permit Supervisor *JS 05/07/09*

FROM: David Darby, Senior Reclamation Specialist III *[Signature]*

RE: 2008, 4th Quarter Water Monitoring, Hidden Splendor Resources, Inc., Horizon Mine, C/007/0020-WQ08-4, Task ID #3206.

The Horizon Mining operation is operating and mining coal. This report is based on data compiled in file; O:\007020.hzn\Water Quality\datacheck2007-2009(2).xls.

The water monitoring plan is outlined in Chapter 7 of the MRP. Surface and groundwater monitoring is required for the Horizon Mine under the operation plan. Kit Pappas is the contact for water monitoring issues.

1. Was data submitted for all of the MRP required sites? YES [X] NO []

Identify sites not monitored and reason why, if known:

Springs During the operational and reclamation phases the springs will be monitored once each calendar quarter when the spring are accessible. SP-1, SP-2, SP-4, SP-9 (Jewkes Sp.), 2-6-W (Homestead Sp.) And GV-70. Ground water quality parameters to be checked are outlined in Table 2 of the MRP.

Streams Stations SS-3, SS-5, SS-7, SS-8, SS-10 and SS-11 will be monitored once each quarter (as access conditions permit). Surface water quality parameters are outlined in Table 7-5 of the MRP.

Wells Water level data will be collected during the operational and reclamation phases from the HZ wells once each quarter when accessible.

UPDES Monthly monitoring of flows from mine discharge and sedimentation pond.

2. Were all required parameters reported for each site? YES ☒ NO ☐
Comments, including identity of monitoring site:

3. Were irregularities found in the data?

Springs YES ☐ NO ☒

Streams YES ☐ NO ☒

Wells YES ☐ NO ☒

UPDES YES ☐ NO ☒

4. On what date does the MRP require a five-year resampling of baseline water data.

Re-sampling due date is September 2012.

5. Based on your review, what further actions, if any, do you recommend?

None

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? ☐ Yes ☒ No

6. Follow-up from last quarter, if necessary.
Did the Mine Operator submit all the missing and/or irregular data (datum)?

None needed.